

URETHANE-MODIFIED POLYESTER RESIN COMPOSITION

ABSTRACT OF THE DISCLOSURE

5 A urethane-modified polyester resin composition used for undercoating a PCM
steel sheet for home appliances or construction materials is produced by an addition
reaction of a polyester resin having a hydroxyl value of about 10 to 50 mgKOH/g and
a weight average molecular weight of about 5,000 to 20,000 and isocyanate. The
isocyanate is reacted with the polyester resin in a proportion of 20 to 80% with
10 respect to an equivalent weight of the polyester resin. A paint including the urethane-
modified polyester resin composition has improved adhesion between the undercoat
film and a substrate or topcoat film and has enhanced processibility.